

Mining's underground workhorse.

MineHaul is Fenner Dunlop's premium multi-ply conveyor belt designed specifically for the demanding nature of the heavy duty underground mining industry. Manufactured with MSHA CFR Title 30, Part 14 certified Fire Boss® fire retardant compounds which meets and exceeds MSHA requirements. MineHaul is designed to safely handle loads in tough mining applications. MineHaul has a proven history in the mining industry for dependability and performance.

Markets & Applications:

(where compliance with MSHA CFR Title 30, Part 14 is required or desired)

- **Coal**
- **Metals**
- **Hard rock and minerals**
- **Coal preparation plants**



Reasons to Count on MineHaul

- MSHA certified Fire Boss cover compounds for ultimate fire retardance
- Meets ARPM-FR Class 1
- Low stretch
- Excellent troughability and load support
- Exceptional mechanical fastener retention
- Resistant to moisture, mildew and acid mine water
- Uses traditional diagonal lapped splice or FDA developed Finger Splice Technology
- Excellent adhesion between the covers and plies assures long service life
- Available in a variety of poly/nylon and poly/poly constructions



MineHaul SPECIFICATION TABLE – “Imperial & Metric”

Imperial

Carcass Style	MH 2-400	MH 4-440	MH 2-500	MH 3-500	MH 2-600
Number of Plies	2	4	2	3	2
Carcass Gauge³ (in)	.186	.216	.198	.183	.194
Carcass Weight⁴ (lb/in/ft)	.094	.116	.099	.098	.092
Elastic Modulus (lbs/in)	44000	55000	62000	47000	63000
Max Tension Rating² (PIW)	400	440	500	500	600
Troughing/Empty¹ - Min Belt Width (in)					
20 degree idlers	20	24	24	24	28
35 degree idlers	24	30	30	30	30
45 degree idlers	30	36	36	36	36
Load Support¹ – Max Belt Width (in)					
20 deg idlers 41 – 80 lbs/ft ³	60	66	66	60	72
35 deg idlers 41 – 80 lbs/ft ³	54	60	60	60	60
45 deg idlers 41 – 80 lbs/ft ³	48	54	54	54	54
Minimum Pulley Diameters (in)					
81 – 100% belt rated tension	20	26	20	22	20
61 – 80% belt rated tension	18	20	18	18	18
Up to 60% belt rated tension	16	16	16	16	16

- Troughability and Load Support values can be influenced by certain cover gauge and compound combinations used. When in doubt, please contact your FDA representative for selection guidance.*
- MineHaul tension ratings reflect a minimum 10:1 safety factor through 750 PIW offerings, and an 8:1 minimum safety factor for the remaining higher tension offerings. With the appropriate fastener selection and installation, 4:1 minimum mechanical fastener safety factors can be achieved.*

Metric

Carcass Style	MH 2-400	MH 4-440	MH 2-500	MH 3-500	MH 2-600
Number of Plies	2	4	2	3	2
Carcass Gauge³ (mm)	4.7	5.5	5.0	4.7	4.9
Carcass Weight⁴ (kg/m²)	5.5	6.8	5.8	5.7	5.4
Elastic Modulus (N/mm)	7700	9625	10850	8225	11025
Max Tension Rating² (N/mm)	70	77	88	88	105
Troughing/Empty¹ - Min Belt Width (mm)					
20 degree idlers	500	600	600	600	700
35 degree idlers	600	750	750	750	750
45 degree idlers	750	900	900	900	900
Load Support¹ – Max Belt Width (mm)					
20 deg idlers 641 -1280 kg/m ³	1500	1700	1700	1500	1800
35 deg idlers 641 -1280 kg/m ³	1400	1500	1500	1500	1500
45 deg idlers 641 -1280 kg/m ³	1200	1400	1400	1400	1400
Minimum Pulley Diameters (mm)					
81 – 100% belt rated tension	500	650	500	550	500
61 – 80% belt rated tension	450	500	450	450	450
Up to 60% belt rated tension	400	400	400	400	400

- Troughability and Load Support values can be influenced by certain cover gauge and compound combinations used. When in doubt, please contact your FDA representative for selection guidance.*
- Minehaul tensions reflect a minimum 10:1 safety factor through the 131 N/mm rated offerings, and an 8:1 minimum safety factor for the remaining higher tension offerings. With the appropriate fastener selection and installation, 4:1 minimum mechanical fastener safety factors can be achieved.*



MH 3-600	MH 3-750	MH 4-800	MH 3-900	MH 4-1000	MH 2-1000	MH 4-1200	MH 5-1250	MH 3-1500	MH 4-2000
3	3	4	3	4	2	4	5	3	4
.237	.255	.324	.285	.348	.280	.388	.441	.432	.584
.121	.128	.172	.144	.181	.122	.203	.234	.200	.279
72000	72000	82000	94000	90000	82000	100000	98000	108000	134000
600	750	800	900	1000	1000	1200	1250	1500	2000
28	30	30	30	36	36	36	42	42	48
30	36	36	36	42	42	42	48	48	54
36	42	42	42	48	48	48	54	54	60
72	72	96	84	96	60	96	96	96	96
60	66	84	72	84	54	84	96	96	96
60	66	72	66	72	48	72	84	84	84
24	24	28	28	28	36	36	40	42	48
20	20	24	22	24	30	30	32	36	42
18	18	20	18	20	24	24	28	30	36

- 3 Add the appropriate cover gauge to this carcass gauge to obtain the approximate overall belt thickness.
- 4 Add the appropriate cover weight to this carcass weight to obtain the approximate overall belt weight.
- 5 For a complete listing of available MineHaul products and specifications, please contact your FDA representative.



MH 3-600	MH 3-750	MH 4-800	MH 3-900	MH 4-1000	MH 2-1000	MH 4-1200	MH 5-1250	MH 3-1500	MH 4-2000
3	3	4	3	4	2	4	5	3	4
6.0	6.5	8.2	7.2	8.8	7.1	9.9	11.2	11.0	14.8
7.1	7.5	10.1	8.4	10.6	7.2	11.9	13.7	11.7	16.4
12600	12600	14350	14700	15750	14350	17500	17150	18900	23450
105	131	140	158	175	175	210	219	263	263
700	750	750	750	900	900	900	1050	1050	1200
750	900	900	900	1050	1050	1050	1200	1200	1400
900	1050	1050	1050	1200	1200	1200	1400	1400	1500
1800	1800	2450	2150	2450	1500	2450	2450	2450	2450
1500	1700	2150	1800	2150	1400	2150	2450	2450	2450
1500	1700	1800	1700	1800	1200	1800	2150	2150	2150
600	600	700	700	700	900	900	1000	1050	1200
500	500	600	550	600	750	750	800	900	1050
450	450	500	450	500	600	600	700	750	900

- 3 Add the appropriate cover gauge to this carcass gauge to obtain the approximate overall belt thickness.
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